

## **Abstract**

**Title:** Function and mechanics of fascias focused to shoulder girdle

**Objectives:** The main subject of the diploma thesis is the issue of fascial concatenation. The aim of the diploma thesis is a systematic study findings related to the selected issue and introduce concepts, that deal with the fascial concatenation. For a specific example of fascial concatenation was chosen from a practical standpoint shoulder girdle in relation to the entire upper limb.

**Methods:** The thesis methodologically equivalent to a theoretical type of work - job search.

**Results:** By processing the literature sources was created a comprehensive overview that relates to the topic of fascial concatenation. Attention was focused on the arrangement of fascial tissue, not only in terms of stratification, but also due to its layout. One of the chapters was focused on mechanical functions and models explaining changes in fascial tissue behavior during therapy. The thesis presented three general concepts dealing with fascial concatenation whose specific strings were introduced in the shoulder girdle in relation to the entire upper limb.

**Keywords:** fascia, fascial chain, shoulder girdle